

PROJECT 10073 RECORD CARD

1. DATE 7 Aug 63	2. LOCATION Muskallonge Lake, Michigan	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input checked="" type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local 2015 GMT 08/0115Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Air-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE civilian	9. COURSE NE
7. LENGTH OF OBSERVATION 1½ min	8. NUMBER OF OBJECTS one	10. BRIEF SUMMARY OF SIGHTING Object appearing as a light 2X as bright as EC HO and brighter than any star visible, observed in flight to NE. Steady flight. Speed 10X ECHO. Believed to be in atmosphere. Flight from 70 deg elevation in SW to 30 deg elevation in NE where it faded.
		11. COMMENTS Nothing conflicting with a/c analysis.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
- b. A few
- c. Many
- d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
- b. Dull moonlight
- c. No moonlight - pitch dark
- d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (Circle One):

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One):

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

10. The object appeared: (Circle One):

- a. Solid
- b. Transparent
- c. Vapor
- d. As a light
- e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter
- b. Dimmer
- c. About the same
- d. Don't know

11.1 Compare brightness to some common object:

Twice as bright as Echo Sat.

12. The edges of the object were:

(Circle One): a. Fuzzy or blurred
 b. Like a bright star
 c. Sharply outlined
 d. Don't remember

e. Other _____

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

FADED FROM VIEWS IN THE DISTANCE

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind:

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved in front of:

17. Tell in a few words the following things about the object:

a. Sound NONE

b. Color DRK GR

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

ALL

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

NE —————→

20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? TEN TIMES THAT OF ECHO

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? SAME ALTITUDE AS ECHO

22. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other _____

23. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North	c. East	e. South	g. West
b. Northeast	d. Southeast	f. Southwest	h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

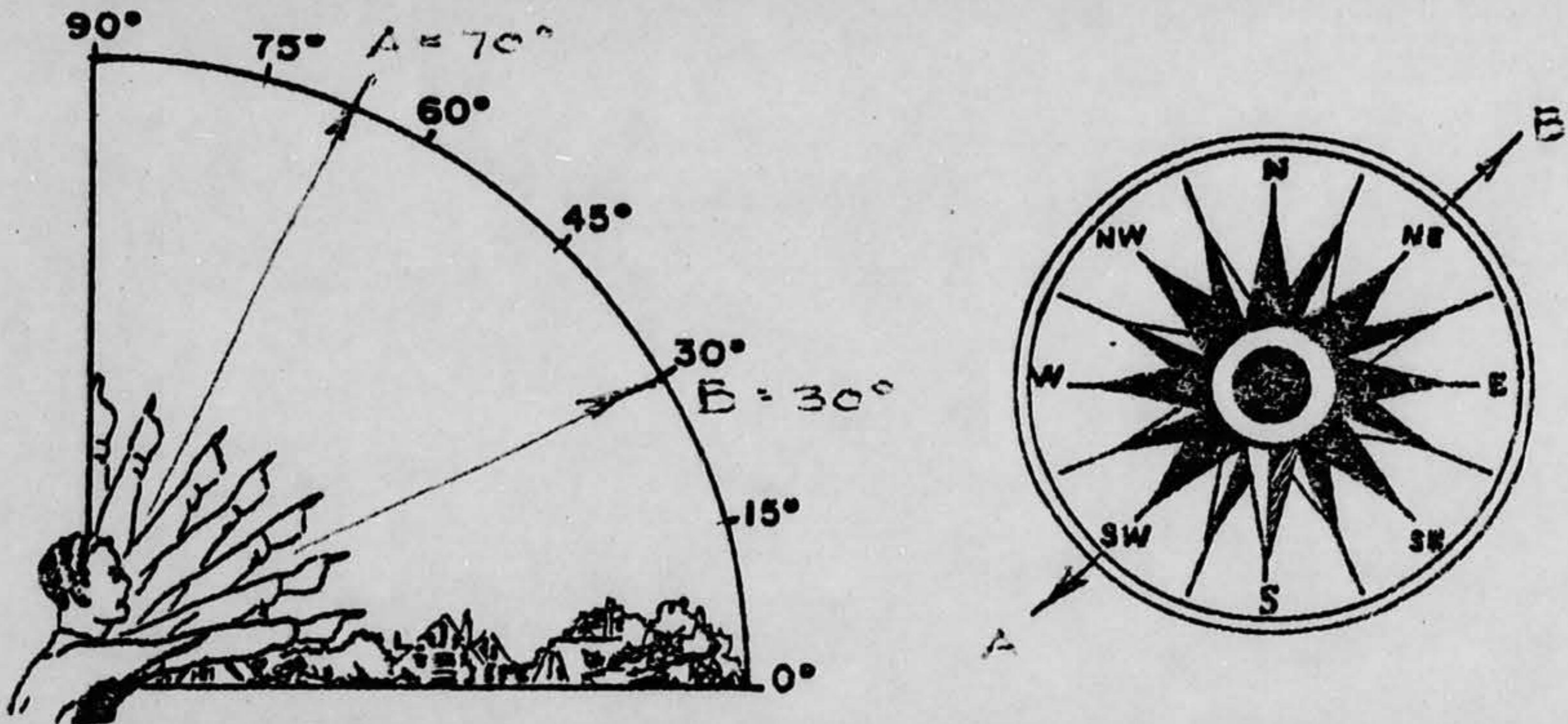
25. Did you observe the object through any of the following?

a. Eyeglasses	Yes	<input checked="" type="radio"/> No	e. Binoculars	Yes	<input checked="" type="radio"/> No
b. Sun glasses	Yes	<input checked="" type="radio"/> No	f. Telescope	Yes	<input checked="" type="radio"/> No
c. Windshield	Yes	<input checked="" type="radio"/> No	g. Theodolite	Yes	<input checked="" type="radio"/> No
d. Window glass	Yes	<input checked="" type="radio"/> No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

*This object was twice as bright
and slightly longer than an
Echo satellite.*

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you first saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you last saw it. Place an "A" on the compass when you first saw it. Place a "B" on the compass where you last saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.



29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

NO

31. Was anyone else with you at the time you saw the object? (Circle One)

Yes

No

31.1 IF you answered YES, did they see the object too? (Circle One)

Yes

No

31.2 Please list their names and addresses:

[REDACTED]

CHICAGO 41 ILL.

32. Please give the following information about yourself:

NAME [REDACTED]

Last Name

[REDACTED]

First Name

[REDACTED]

Middle Name

ADDRESS [REDACTED]

Street

CHICAGO

41

ILL

Zone

State

TELEPHONE NUMBER [REDACTED]

AGE 21 - SEX MALE

indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

11:45

Sept

1963

Day

Month

Year

Project Blue Book

PROJECT 10073 RECORD CARD

1. DATE 9 Aug 63	2. LOCATION Muskallonge Lake, Michigan	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input checked="" type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP 2040 Local _____ GMT 10/0140Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Air-Visual	<input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Intercept Radar
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE civilian	
7. LENGTH OF OBSERVATION 25 seconds	8. NUMBER OF OBJECTS one	9. COURSE Easterly
10. BRIEF SUMMARY OF SIGHTING Solid object with dark center yellow outer edges illuminated, triangular shape with slight tail observed descending to the SE. speed same as jet at 30-40,000 ft. Vapor trail.	11. COMMENTS All facts reported consistent with analysis as jet a/c. Possible afterburner on.	

(See page 7 of this report for sketch)

Sighting #2 was on Friday Aug. 9, 1963 at 10:40 P.M.

Object appeared to be triangular in shape with outer edges illuminated more so than underside. This object was emitting a vapor trail, but unlike a conventional vapor trail, it came to a distinct point thereby giving the object a diamond shape effect. First sighted about 45° off the east horizon, heading east. Its altitude was about 30 to 40,000 ft. and speed was comparable to a large jet plane at that altitude. The entire sighting lasted for 25 seconds, and then faded from view.

September 16, 1963

Dear Mr. [REDACTED]

This is in response to your letter of September 11, 1963, in which you reported sighting flying objects on August 7th and 9th in the upper peninsula area of Michigan.

Inclosed are two copies of Form FTD 154. Would you and your brother-in-law complete the questionnaire and forward it directly to the Air Force Systems Command, Foreign Technology Division, Wright-Patterson AFB, Ohio. A self-addressed envelope is inclosed for your convenience.

You will be notified directly by the Foreign Technology Division upon completion of the investigation.

Sincerely,

MATSON M. JACKS
Major, USAF
Public Information Division
Office of Information

Inclosures

Mr. [REDACTED]
[REDACTED]
Chicago 41, Illinois

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

9 711 AUG 1963

Day

Month

Year

2. Time of day: 10

Hour

40

Minutes

(Circle One):

A.M.

or

P.M.

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

11 P.M. MICHIGAN

1/2 MILE SOUTH OF LAKE SUPERIOR
Nearest Postal Address

City or Town

State or County

5. How long was object in sight? (Total Duration)

Hours Minutes Seconds

2

5

6

a. Certain
b. Fairly certain

c. Not very sure
d. Just a guess

5.1 How was time in sight determined? COULDING

5.2 Was object in sight continuously? Yes ✓ No

6. What was the condition of the sky?

DAY

a. Bright
b. Cloudy

NIGHT

a. Bright
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right

d. To your left
e. Overhead
f. Don't remember

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
- b. A few
- c. Many
- d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
- b. Dull moonlight
- c. No moonlight - pitch dark
- d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (Circle One):

- a. Clear sky
- b. ~~Hazy~~
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One):

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

10. The object appeared: (Circle One):

- a. Solid
- b. Transparent
- c. Vapor
- d. As a light
- e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

11.1 Compare brightness to some common object:

12. The edges of the object were:

(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

Chicago 41. 900

Sept. 11, 1963

-Gentlemen

My brother-in-law and
I have just returned from
a fishing trip at
Marshallonge lake in the
U. S. of Michigan.

On two occasions while
night fishing, I sighted
flying objects. The sky
was clear and cloudless
and both were in
agreement as to direction,
action, and
general appearance of
these objects. Enclosed
you will find a more
and details of these
sightings.

James Tully

14. Did the object disappear while you were watching it? If so, how?

Faded from view

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind:

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved in front of:

17. Tell in a few words the following things about the object:

a. Sound NONE

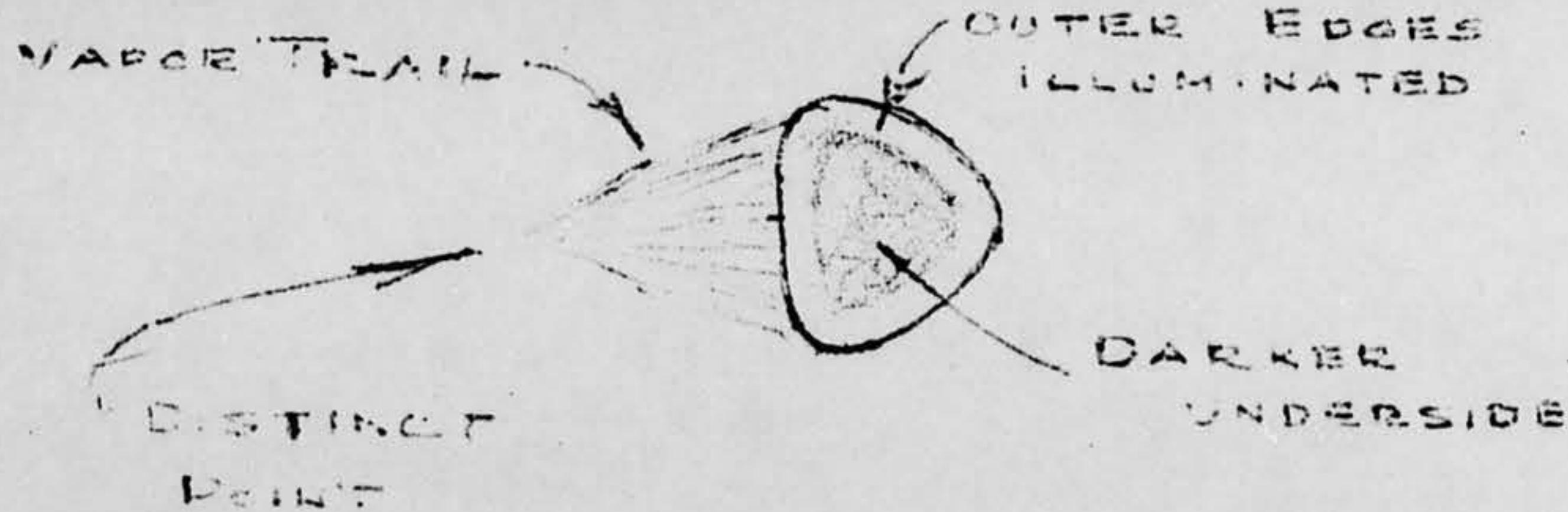
b. Color TRANSPARENT SHADE OUTER EDGES yellow white Center

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

2/3 of the object

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails.

Place an arrow beside the drawing to show the direction the object was moving.



20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? Same as landing jet at 300,000 ft.

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? 300,000 ft.

22. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other _____

23. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

- a. North
- b. Northeast
- c. East
- d. Southeast
- e. South
- f. Southwest
- g. West
- h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

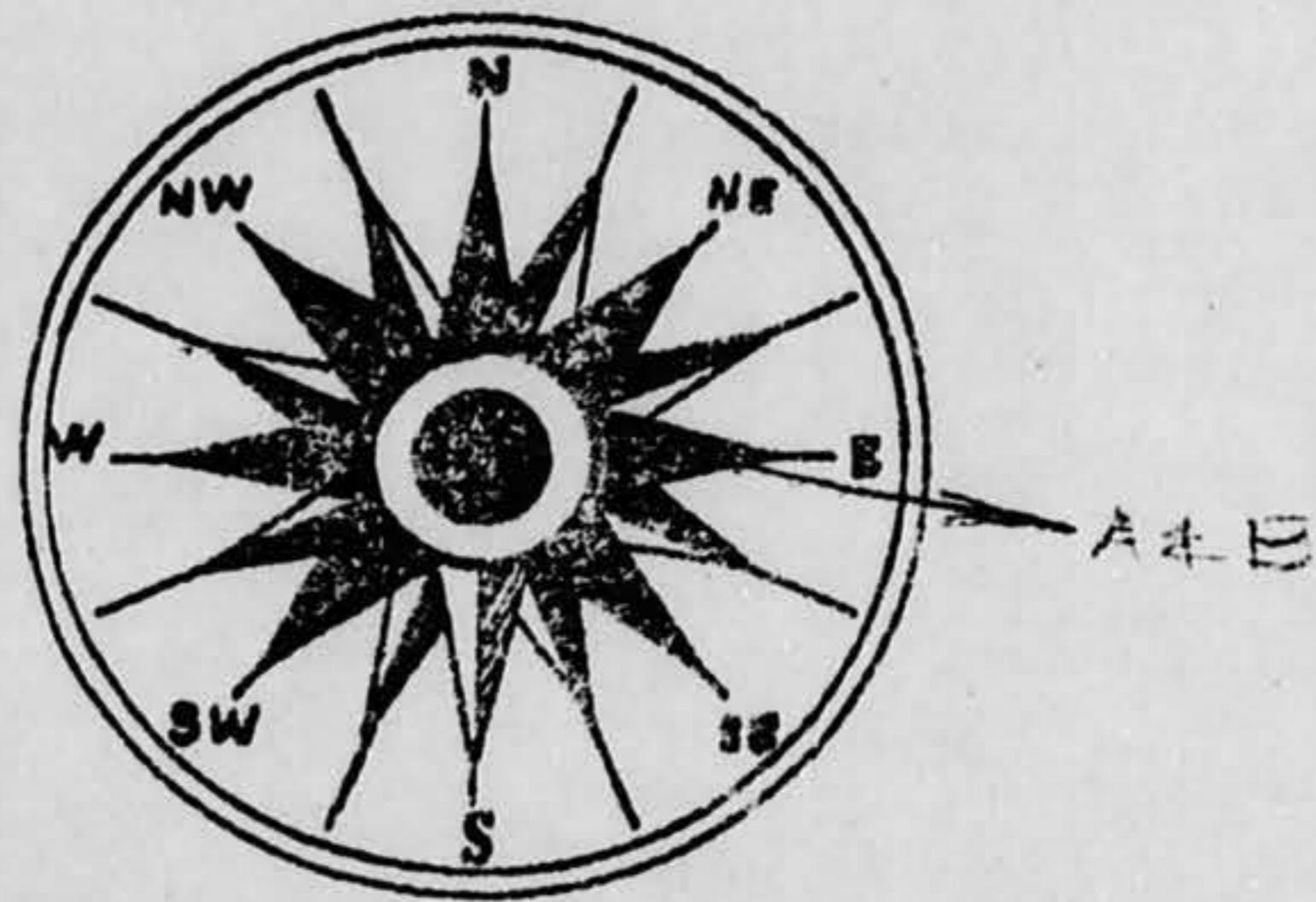
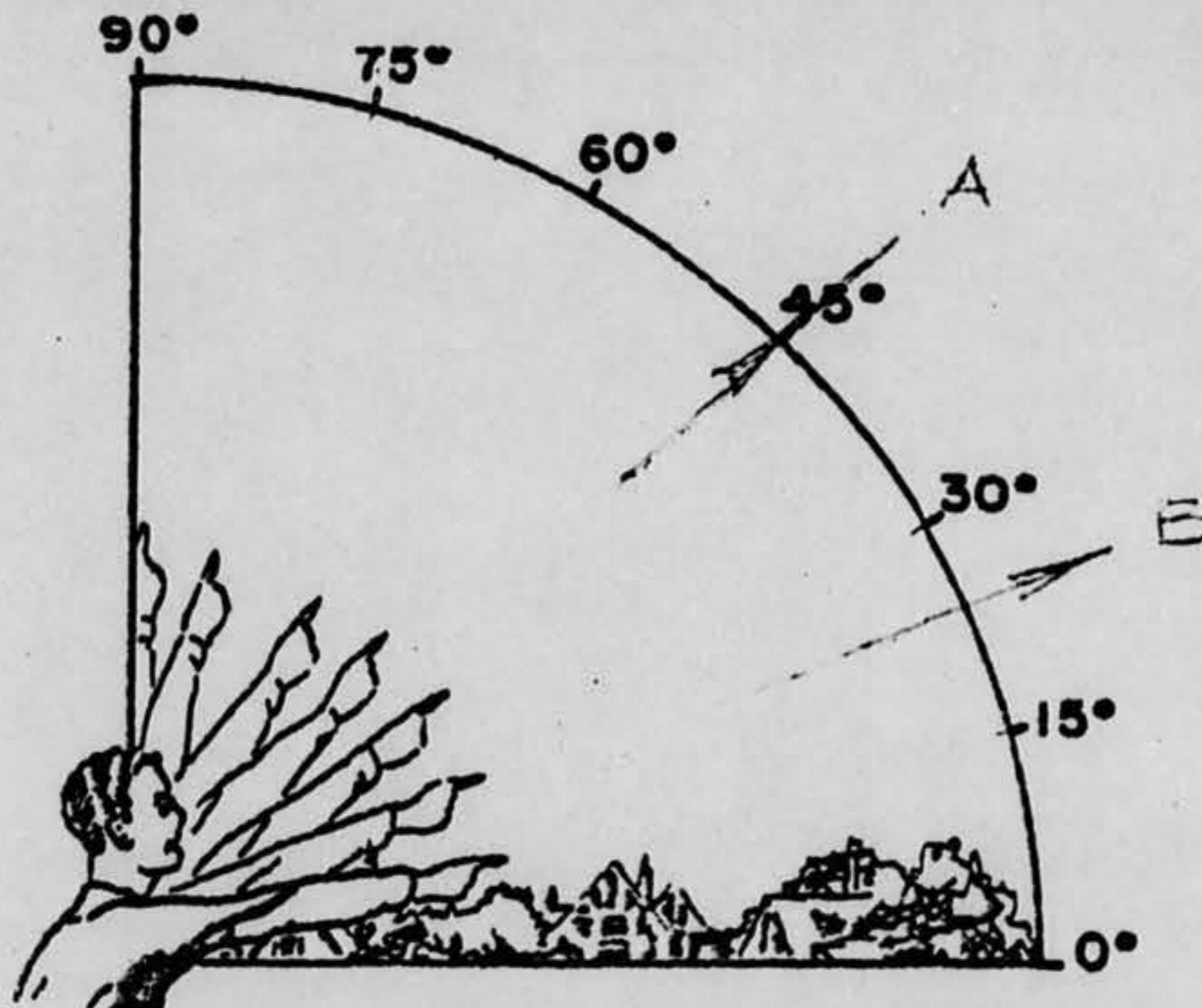
(Circle One) Yes No

25. Did you observe the object through any of the following?

a. Eyeglasses	Yes	<input checked="" type="radio"/> No	e. Binoculars	Yes	<input checked="" type="radio"/> No
b. Sun glasses	Yes	<input checked="" type="radio"/> No	f. Telescope	Yes	<input checked="" type="radio"/> No
c. Windshield	Yes	<input checked="" type="radio"/> No	g. Theodolite	Yes	<input checked="" type="radio"/> No
d. Window glass	Yes	<input checked="" type="radio"/> No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you first saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you last saw it. Place an "A" on the compass when you first saw it. Place a "B" on the compass where you last saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? _____

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

No

31. Was anyone else with you at the time you saw the object? (Circle One)

Yes

No

31.1 IF you answered YES, did they see the object too? (Circle One)

Yes

No

31.2 Please list their names and addresses:

[REDACTED]

CHICAGO ILL.

32. Please give the following information about yourself:

NAME [REDACTED] [REDACTED] [REDACTED]

Last Name

First Name

Middle Name

ADDRESS [REDACTED] CHICAGO IL

Street

City

Zone

State

TELEPHONE NUMBER [REDACTED] AGE 39 SEX Male

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

11

Sept

1963

Year

Project Bluebook

chicago 41. Ill
Sept. 11, 1963

Gentlemen:

My brother in law and I have just returned from a fishing trip at Michellonge lake in the U.P. of Michigan.

On two occasions while night fishing we sighted flying objects. The sky was clear and cloudless, and we both are in agreement as to direction, action, and general appearance of these objects. Enclosed you will find a map and details of these sightings.

Yours truly,

Sighting No 1 was on Wed.
Aug 7, 1963 at 10:15 P.M.

Object appeared to be
round, twice as bright, and
slightly larger than our
Echo satellite. The altitude
appeared to be the same
as that of Echo.

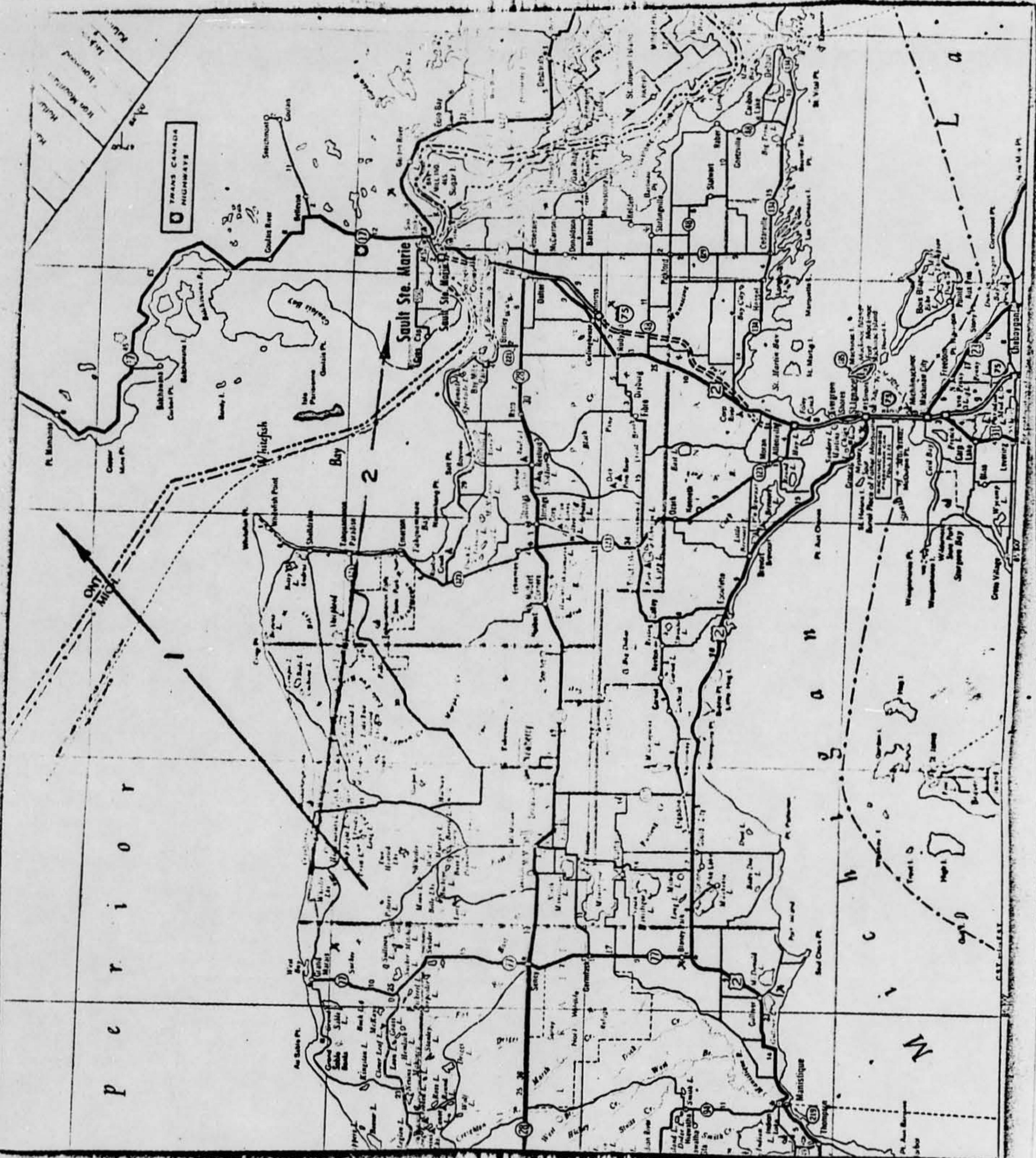
When first sighted about
70° off Southwest horizon,
its forward motion was
accompanied by a
pronounced pendulum type
wining. This wining
lasted about 10 seconds,
then the object runned a
straight course until it
faded from view at about
30° off the Northeast
horizon. The speed was
about 10 times as fast as
an Echo. The entire
sighting lasted for
11 1/2 A



P e r i o d o r

ON
MICH.

TRANS CANADA
HIGHWAYS



Sighting No 1 was on Wed:

Aug 7, 1963 at 10:15 P.M.

Object appeared to be
round, twice as bright, and
slightly larger than our
Echo satellite. The altitude
appeared to be the same
as that of Echo.

When first sighted about
70° off Southwest horizon,
its forward motion was
accompanied by a
pronounced pendulum type
winking. This winking
lasted about 10 seconds,
then the object turned a
straight course until it
faded from view at about
30° off the Northeast
horizon. The speed was
about 10 times as fast as
our Echo. The entire
sighting lasted for
1½ minutes.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Chicago 41, Ill.

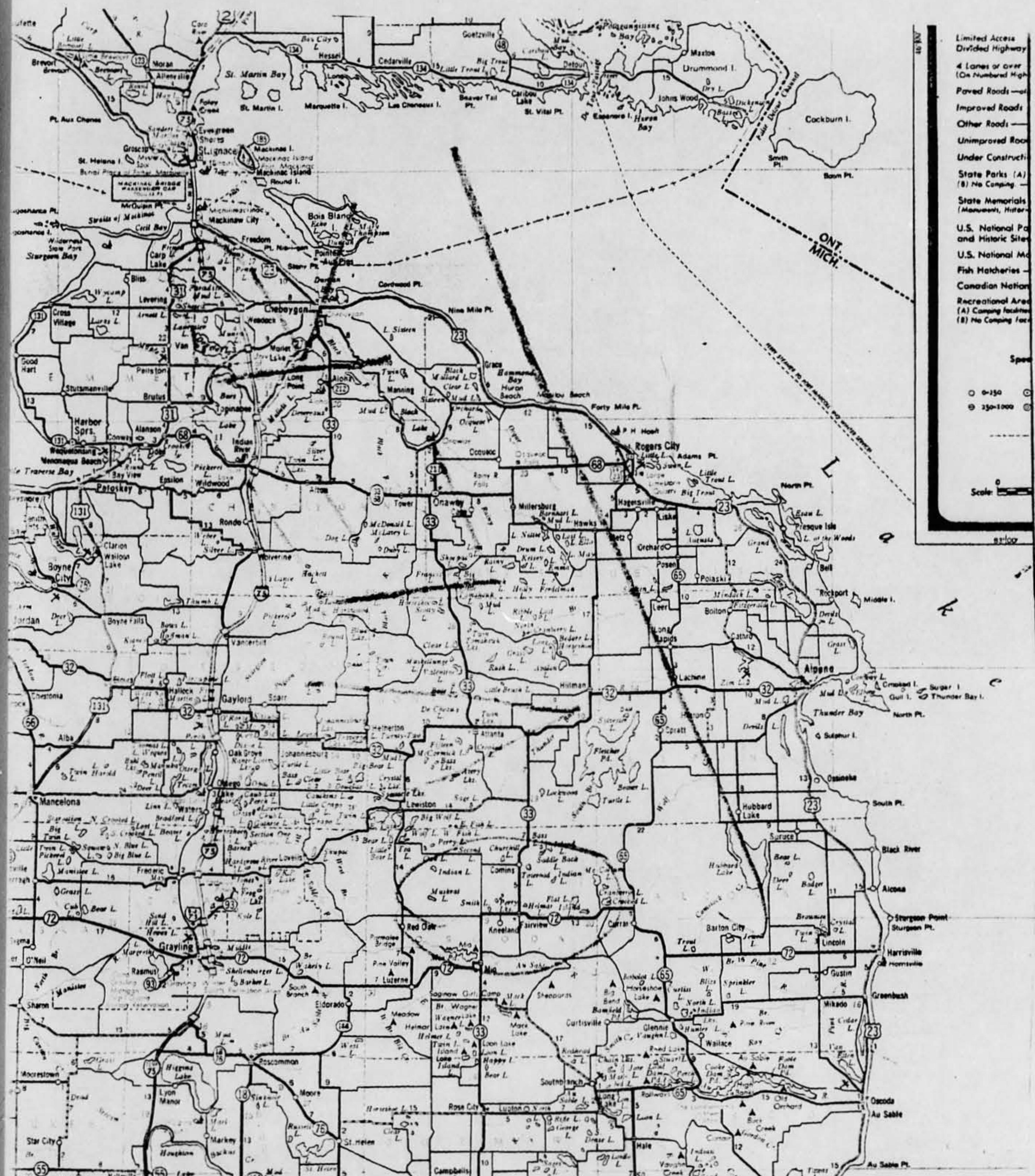
Project "Blue Book"

Information Officer

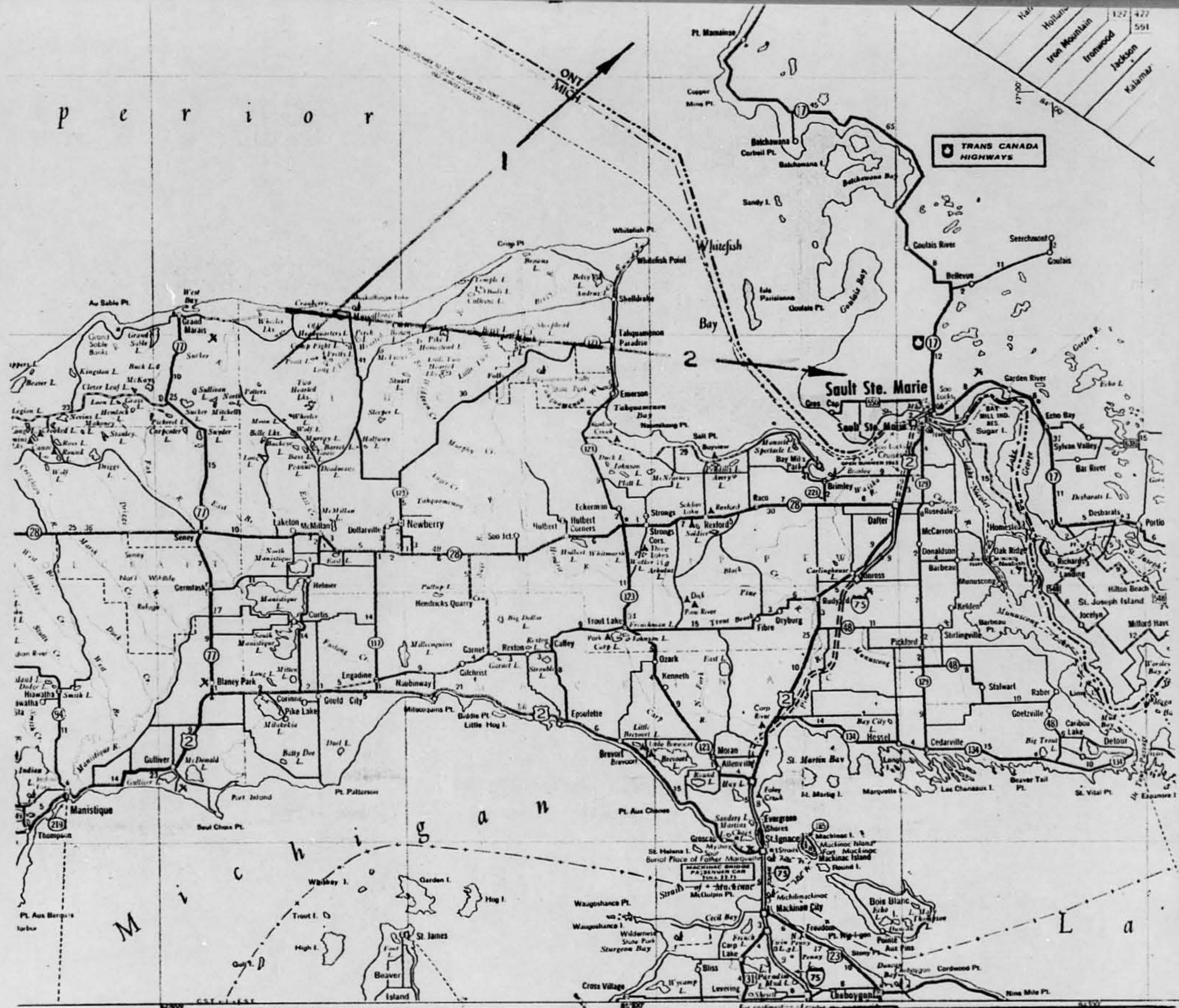
SAF - 01 - P H.Q.D. U.S.A.F.

Room 4C - 916

Pentagon
Washington 25 D.C.



perior



DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

MEMORANDUM

Sept 19th

Form 164 sent to

R [REDACTED]
[REDACTED]
Chicago 4, Ill.

Mrs. [REDACTED]
[REDACTED]
Miami, Fla. 33130

September 16, 1963

Dear Mr. [REDACTED]

This is in response to your letter of September 11, 1963, in which you reported sighting flying objects on August 7th and 9th in the upper peninsula area of Michigan.

Inclosed are two copies of Form FTD 164. Would you and your brother-in-law complete the questionnaire and forward it directly to the Air Force Systems Command, Foreign Technology Division, Wright-Patterson AFB, Ohio. A self-addressed envelope is inclosed for your convenience.

You will be notified directly by the Foreign Technology Division upon completion of the investigation.

Sincerely,

MASTON M. JACKS
Major, USAF
Public Information Division
Office of Information

Inclosures

Mr. [REDACTED]
[REDACTED]
Chicago 41, Illinois

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

7 TH AUG 1963

Day Month Year

2. Time of day: 10:15

Hour

Minutes

(Circle One):

A.M.

or

P.M.

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

U.P. on MICHIGAN

1/2 MILE SOUTH OF LAKE SUPERIOR (MUSKALLONGE LAKE)

Nearest Postal Address

City or Town

State or Country

5. How long was object in sight? (Total Duration)

1/2

Hours

Minutes

Seconds

a. Certain
b. Fairly certain

c. Not very sure
d. Just a guess

5.1 How was time in sight determined? 10:15

5.2 Was object in sight continuously? Yes No

6. What was the condition of the sky?

DAY

a. Bright
b. Cloudy

NIGHT

a. Bright
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right

d. To your left
e. Overhead
f. Don't remember